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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Yellowstone NATIONAL PARK

FILE NO.

SUPERINTENDENT'S MONTHLY NARRATIVE

REPORT FOR JUNE

1947

	ROGERS	
✓	JOHNSTON	
✓	JOFFE	
✓	ANDERSON	
	KURTZ	
	SHOREY	
	JOHNSON	
✓	Mallison	
✓	GORDON	
✓	LA MOTTE	
	ELLIOTT	
	EVANS	
	CHAPMAN	
	SKINNER	
✓	WOHLBRANDT	
	ROBINSON	

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NEWTON B. DRURY,
Director.

U. S. GOVERNMENT PRINTING OFFICE 16—22371

Summary of the June, 1947, Monthly Narrative Report for

YELLOWSTONE NATIONAL PARK

		Page
SPECIAL ACTIVITIES:	Superintendent to Grand Teton to confer with Superintendent McLaughlin. Johnston to Casper to attend Reclamation Service Wage Board group meeting.	1
	Red Lodge-Cooke road cleared and opened. Comprehensive pre-season training program given seasonal employees. Air service to East Yellowstone started.	1
	T. Paul Wilcox, U. S. Commissioner, reappointed. Train service to Park started. Severe snow storm on Red Lodge to Cooke road, in which three NPS employees died of asphyxiation.	2
INSPECTIONS:	Steinberg, U. S. Weather Bureau; Wright, Senior Sanitary Engineer; George Walker, Forester, NPS; Hattes, Kahler and Hagen, Historians; Gynn and Riley, SRC; Glen Collins, Concessions Advisory Group; Coman and Harrington, FSA; Miller, Sanitarian, U. S. Public Health Service; Barrows, Forester, Region Two, in the Park during the month.	2
	Neubauer, Robinson and Cummings left.	4
GENERAL PUBLICITY:	Publicity director arrived.	3
	1946 "Broadside" completely exhausted by June 20.	3
ROAD MAINTENANCE:	New Road construction on South Forest approach. Field review of Huckleberry Ridge alternates for South Approach road made. Project 1-D1, B-5 approved by Assistant Secretary of the Interior.	3
	No bids received on Project 1-F3-G4, base surfacing at Canyon area.	4
	Red Lodge-Cooke road temporarily closed.	4

		Page
CONCESSIONERS:	Pryor's Coffee Shop opened; Nurses arrived for Fishing Bridge, Old Faithful and Canyon; Mammoth Hospital opened; Hotels and Lodges opened; "Help Special" with concessioner employees arrived.	4
	Conference with concessioners to be held in July to discuss proposed West Thumb buildings. Plans submitted for clearance of propane installations by YP Company. Pryor oil burning installations approved.	4
TRAVEL:	51,780 automobiles in with 167,674 visitors during June. Total figures through June 30 given.	5 - 6
WILDLIFE:	Black bears distributed throughout Park, with numerous cubs, causing "bear jams" where bears are in greatest concentrations. One personal injury, no damages reported. Grizzly bears seen. Bear census being planned for July.	6
	Only occasional buffalo seen from Park roads. Ear-tagging of elk in Upper Gardiner, Indian Creek and Pawn Creek drainages and in the Gallatin area. Swan census planned for August 10-16. 104,200 Lock Leven, 5,000 rainbow and 300,000 grayling eggs planted during June. Heavy fishing throughout the Park since opening of season.	7
PERSONNEL:	Fillmore EOD as Messenger; McDanal EOD as Clerk Typist; Brodrick left for Petrified Forest; McMillan in as collaborator on Moose investigation; Kittams EOD as Biologist. Seasonal park ranger naturalists EOD during month.	8
SPECIAL VISITORS:	Mezerik, writer for Nation magazine; Dumont, NBC; Count De Grasset, France; and Brewster, Assistant Secretary, National Geographic Society, in the Park during June.	8
MISCELLANEOUS:	Proper appointed third member Local Civil Service Board. Church services (protestant and catholic) started. James Morrison, one of the original Yellowstone scouts, in.	8

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

July 10, 1947

MEMORANDUM for the Director.

Following is the report of activities for Yellowstone National Park during the month of June, 1947.

Weather Conditions. Below normal temperatures and above normal precipitation was recorded at Mammoth during June. Three days were clear, 9 partly cloudy and 18 cloudy. The total precipitation for the month was 4.79 inches as compared with 2.29 inches in June 1946, 5.79 inches in 1945, and 3.20 inches in 1944. A maximum temperature of 70 degrees was recorded on the 19th and a minimum of 29 degrees on the 12th. Twenty-two days of rainy weather were recorded at Mammoth. Two heavy snow storms occurred in the high mountains. These storms blocked the Cooke-Red Lodge road for several days each period. During the storm that occurred June 20 many cars were stuck in the snow drifts on top of the Cooke-Red Lodge road. Rotary snow plows were sent out to open the road.

Special Activities. On June 5 Superintendent Rogers went to Grand Teton National Park and return for conference with Superintendent McLaughlin.

Assistant Superintendent Johnston went to Casper, Wyoming, on June 2, to attend a meeting of the Reclamation Service Page Board group, and returned on June 5.

In the spring opening of the Red Lodge to Cooke road, the snow plows had cleared through by June 12 and cars started coming over the highway on June 13, although the road was not officially opened until June 18 when heavy freighting began almost immediately.

On June 12 through 15 a comprehensive pre-season training program was given to the seasonal park rangers and ranger naturalists. Training was confined to detailed discussions for the purpose of presenting material and information to the group. June 14 and 15 were given over to a conducted trip around the main loop highway of the park and comprised a full 12-hour training period each day. There were 34 men who benefited from this training. Twenty-six employees were taken on a two-day trip around the main loop highway of the park and as much information as it was possible to give them was conveyed to them. About 1,800 man-hours of training were received by these combined groups of men. A request was made to all men taking this in-service training that they submit to the in-service training officer, who is the Chief Park Naturalist, a memorandum constructively criticizing the training program.

Airplane service into West Yellowstone started on June 16 from Salt

Lake City by Western Air Lines.

T. Paul Wilcox was reappointed U. S. Commissioner for four years from June 20, 1947.

Mail schedule was changed so that departure was in the evening instead of morning.

Train service to the Park started on June 20 as well as bus service within the Park, and the entrance gates remained open from 7:00 a.m., to 11:00 p.m.

On the evening of June 20 a severe snow storm hit the top of the mountains on the Red Lodge to Cooke road, which reaches an elevation of 11,000 feet, stranding a number of cars. Part of the road maintenance crew from the Beartooth Road Camp went out with one of the three-auger Snoboes, a truck and pickup to give aid to the stranded motorists. In attempting to pass one of the stalled cars, the snow plow ran off the shoulder of the road and high-centered. Efforts to clear the plow were unsuccessful and in attempting to bring out some of the stranded tourists the truck and pickup also became stalled in the deep drifts. The road men, after becoming exhausted in trying to dig the truck and cars out of the drift, crawled into the cabs of the truck and pickup to keep out of the storm and await daylight. Three National Park Service employees, Veron E. Kaiser, John P. Baker and Richard H. Huckels, who were caught in the snow in the pickup, died due to asphyxiation in an heroic effort to aid the stranded motorists. Baker was buried in Mountain View Cemetery, Livingston, while the remains of Huckels and Kaiser were sent to Akron, Ohio, and Jackson, Wyoming, respectively, for burial.

Inspections. M. Steinberg, Hydro-Climatological Inspector, U. S. Weather Bureau, Kansas City, in on June 5 to inspect and condition cooperating weather bureau stations. Landscape Architect Frank Neubauer left on June 13. On June 14, Weldon Robinson and Mr. Cummings, Fish and Wildlife Service, left the Park. C. T. Wright, Senior Sanitary Engineer, District No. 6, Denver, Colorado, entered the Park on June 16. On June 17 a study of the Yellowstone Park Company's Old Faithful domestic water supply was made with Mr. Johnston, Mr. Wiggins and Yellowstone Park Company representatives.

On June 16 George Walker, Forester, National Park Service, Chicago, in. Merrill J. Mattes, Historian, in on June 17 to prepare a history booklet on Yellowstone National Park. On June 22 Herbert Kahler, Acting Chief Historian of the National Park Service, and Olaf Hagen of Region Two, in. On June 24, John C. Gynn and Marvin Riley, Blister Rust Control Office, Spokane, came into the Park in connection with Blister Rust Control work. Mr. Clem Collins, Chairman, Concessions Advisory Group, in North June 25; out South June 28. On June 26, Edward E. Cowan and Dan C. Harrington, Public Roads Administration Engineers, in South. M. M. Miller, Sanitarian, U. S. Public Health Service, Denver, in on June 27 to conduct food handling schools and inspect food handling establishments. Mr. Maynard Barrows, Forester, Region Two, in South June 27.

Complaints. A complaint regarding the refusal of garage service at Old Faithful garage was filed by Lt. Knowles of Indianapolis, Indiana. Mrs.

[illegible] day of January [illegible] lines.

T. Tom [illegible] was reappointed [illegible] June 20, 1917.

Tom [illegible] was chosen as the [illegible] of auditor.

Their service to the [illegible] while the [illegible] and [illegible] Tom's [illegible].

On the evening of June 20 a [illegible] in the [illegible] lodge to [illegible] meet, spreading a number of [illegible] the [illegible] and [illegible] to the stricken [illegible] of the stalled cars, the [illegible] restored. [illegible] to clear the [illegible] during one [illegible] of the [illegible] assisted in the [illegible] to fill the [illegible] and [illegible] service employees, [illegible] were ready to the [illegible] to aid the stranded [illegible] Country, Civilization, [illegible] Akron, Ohio, and [illegible].

Inspections. [illegible] Bureau, Lower City, in [illegible] bonus [illegible] June 1, [illegible] the [illegible] Colorado, [illegible] Park Company's [illegible] Mr. [illegible] and [illegible].

On June 16 George [illegible] Merrill L. [illegible] Editorial [illegible] of the [illegible] June 6. [illegible] the [illegible] [illegible] Mining Company, [illegible] also. [illegible] handling [illegible] June 27.

Complaints. [illegible] complaints regarding the [illegible] [illegible] was filed by [illegible] Chamber of Commerce. [illegible]

Clifford Christianson of Scappoose, Oregon, complained about the conditions of road from East Entrance to Fishing Bridge, and requested refund of the $3.00 entrance fee. Mr. K. A. R. Anderson complained of the charges made for one-way transportation from Gallatin to West Yellowstone. Mrs. Richard Kneeland of Portland, Oregon, complained regarding the fact that she had to wait in line for 30 minutes to register her automobile. Mr. Thos. E. Bolton, Cleveland, Ohio, complained to Secretary Krug concerning accommodations furnished in the Park. Mrs. Wellmore H. Hopkins, West Somerville, Massachusetts, complained of accommodations at Fishing Bridge, particularly of the rates. The matters effecting concessioners were taken up with those concerned.

General Publicity. Reuben M. Monson, Publicity Director, arrived on June 14.

The entire supply of the 1946 Yellowstone "broadside" or circular of general information was exhausted by June 20. Visitors were seriously inconvenienced by the lack of a road map and the useful information contained in the broadside, and registered numerous verbal complaints each day at the checking stations when told that maps were not available.

A breakdown of publication sales was included in the Report of the Naturalist Division for June, 1947.

Road Maintenance. A survey crew under Assistant Engineer Aubrey Haines ran the road alignment for the government utility area at Canyon.

At the end of the month, road crews were located at Mammoth, Madison, Gallatin, Thumb, South Forest, Lake, East Entrance, Canyon, Tower Falls, Northeast Entrance, Beartooth and Rock Creek, the last three to handle maintenance on the Red Lodge to Cooke approach road, with a total of 143 men. Three of the camps were equipped with only one truck each. All others have two trucks. This equipment shortage manifests a very serious handicap to our maintenance operations.

Approximately 300 yards of new road was constructed on the South Forest approach at a point 16 miles south of the South Entrance to the Park.

Under the Major Repair and Rehabilitation program, work on the repair of the campgrounds continued at Mammoth, Old Faithful and Fishing Bridge. Tables were repaired, new fire places installed and barriers replaced.

A field review of the Huckleberry Ridge alternates for the South Approach road was made on June 25. The conclusions reached at the review of the surveyed line was practically unanimous for the Ridge route.

On June 5, the Old Faithful-Isa Lake bituminous surfacing, 1-D1, D-3, contract of McLaughlin, Inc., was approved by Assistant Secretary of the Interior. He has been setting up his camp on Spring Creek and moving in his equipment for the job. At the end of the month, no work on the job had been undertaken. On June 20, Mr. Edward Anderson, Engineer, came into the Park. He is to be in charge of the Old Faithful-Isa Lake bituminous surfacing project.

gallons. Rehabilitation of campgrounds, garages, comfort stations [illegible] of road from [illegible] to Fishing Bridge, and [illegible] 13,000 gallons [illegible] for [illegible] [illegible] [illegible] [illegible] well [illegible] Cleveland, Ohio, [illegible] [illegible] in the [illegible] [illegible] completion of [illegible] [illegible] the [illegible] [illegible] [illegible].

General Facilities. [illegible] June 1.

The entire supply of the 1958 Yellowstone "Information" on illustrated general information was exhausted by June [illegible]. Visitors were [illegible] inconvenienced by the lack of a road map and the [illegible] in the brochure, and [illegible] [illegible] [illegible] that maps were not available.

A breakdown of publication sales and [illegible] of the Naturalist Division for June, 1958.

Road Maintenance. A survey crew under [illegible] ran the road alignment for the [illegible] at Canyon.

At the end of the month, road crews were located at [illegible] [illegible] Northeast Entrance, [illegible] on the [illegible] [illegible]. Three of the camps were equipped with [illegible] two trucks. This equipment [illegible] our maintenance operations.

Approximately [illegible] of new road [illegible] approach to a point [illegible] miles [illegible].

Under the [illegible] program, work on the campgrounds continued at [illegible]. [illegible] were repaired, new fire places installed and [illegible] tables [illegible].

A field review of the [illegible] road was made on June 25. The [illegible] [illegible] for the [illegible].

On June [illegible], the [illegible] Construction Company, [illegible] contract of [illegible] [illegible]. He has been [illegible] his equipment for the job. At the end of the month, [illegible] had been undertaken. On June 26, Mr. [illegible] [illegible]. He is to be in charge of the [illegible] project.

[illegible]

Bids opened on June 4 in Cheyenne for construction Project 1-F3-G4, grading and base surfacing 2.830 miles of main line and 2.173 miles connecting roads and Park areas at Canyon. No bids were received.

On June 18, the Red Lodge-Cooke road officially opened to travel. It was temporarily closed on June 27 and opened again the next day.

Account 615, Repair Fire Damage to Building No. 5, Mammoth - Park is completed except for the installation of new linoleum. Sections for the prefabricated wooden walks, Account 512, are being fabricated as fast as the lumber is received. About 250 feet of the walk has been installed at the Castle Geyser at Old Faithful and is proving very successful. The Fountain Geyser area is to be worked on next. Guard rail work has been done in the Canyon area and is now under way at the Tower Falls Parking Area, and work on the Tower Falls overlook platform has been finished.

Concessioners. Pryor's Coffee Shop opened on June 1. Nurse arrived for Fishing Bridge on June 1. On June 4, Haynes Tower Falls store opened. The Mammoth hospital dispensary opened on June 5 with Dr. Tom Clemons in charge. On June 7 Camp Roosevelt and Old Faithful opened for cabins only, and on June 8 the Lake Lodge opened for over-night guests. Haynes' Canyon store opened on June 10. The Old Faithful nurse arrived on June 10.

Mr. C. A. Hamilton, President, Hamilton Stores, Inc., arrived in the Park on June 10. A second nurse for Old Faithful arrived on June 15, as did the Canyon Lodge nurse.

The Yellowstone Park "Help Special" bringing in employees from the West Coast, arrived at West Yellowstone, and a similar special from St. Paul on the Northern Pacific arrived at Gardiner on June 16.

On June 20, the hotels and lodges, as well as the Mammoth Hospital, officially opened for the 1947 season. Lake Lodge and Canyon hotel nurses arrived. The Mammoth campground Cafeteria opened on June 22, as did the Mammoth Swimming Pool. On June 30, the new 1947 Haynes Guide, Diamond Jubilee edition, arrived.

Arrangements are being made for a meeting of the concessioners with the Superintendent for the second week of July to discuss the suggested plans for the proposed buildings at West Thumb and possibly for the Canyon village. Architect Sutton, of the Director's Office, and Architect Davidson, of the Regional Office, will be present for these meetings.

An unusual amount of major maintenance work is being done by the concessioners such as painting of all of the service stations and all of the buildings in the Mammoth area. It is also proposed to repaint or restain some of the buildings in the Old Faithful area.

Plans have been submitted for clearance of propane installations by the Yellowstone Park Company, which have been held in abeyance by the Director until final plans are submitted with complete details.

Mrs. Pryor's oil burning installations for Mammoth have been approved subject to certain conditions. Clearance for similar Canyon Store installations has not been received to date.

With expenditures [illegible] June 1 in line with the [illegible] grading and base surfacing [illegible] miles of roads from [illegible] parking areas and turnouts at Canyon. [illegible] complete.

On June 2[illegible], the new Indian-Creek [illegible] officially [illegible] was temporarily closed on June 29 [illegible].

[illegible], [illegible] parking areas [illegible] for the installation of new [illegible]. [illegible] installed [illegible], [illegible] lumber is received. [illegible] at Old Faithful [illegible] is [illegible]. [illegible] will [illegible] Canyon area and [illegible] of the Lower Falls [illegible] platform [illegible] completed.

Concessioners. [illegible] store opened on June 1. [illegible] "Fishing Bridge" on June [illegible]. The Mammoth hospital temporarily opened on June [illegible]. On June 1 Lake [illegible] and Old Faithful [illegible] and on June 8 the Lake Lodge opened for [illegible] guests. [illegible] store opened on June 14. The Old Faithful [illegible] arrived on June [illegible].

Mr. [illegible] Hamilton, President, Hamilton Stores, Inc., arrived in the Park on June 1[illegible]. [illegible] for Old Faithful [illegible] and the Lower Falls [illegible].

The Yellowstone Park "Daily Special" [illegible] arrived at West Yellowstone, and a similar special [illegible] the Northern Pacific arrived at Gardiner on June 15.

On June [illegible], the hotels and lodges, as well as the [illegible] were officially opened for the 1951 season. [illegible] The Mammoth campground cafeteria opened on June [illegible] Mammoth [illegible]. On June 30, the new 1951 Haynes Guide, [illegible] Jubilee edition, arrived.

Arrangements are being made for a meeting of the [illegible] Superintendent for the second week of July to discuss the [illegible]. The proposed buildings at West Thumb and possibly [illegible] architect [illegible] of the Director's office, and [illegible] Regional Office, will be present for these meetings.

[illegible] amount of major maintenance work is being done [illegible] such as painting of all of the [illegible] buildings in the Mammoth area. It is also proposed to [illegible] some of the buildings in the Old Faithful area.

Plans have been submitted for [illegible] by the Yellowstone Park Company, which have been held in abeyance by the Director until final plans are submitted with complete details.

[illegible] oil burning installations for Mammoth [illegible] have been approved subject to certain conditions. Clearance for similar [illegible] installations has not been received to date.

Mr. Hamilton has been advised of the approval of the preliminary plan for the service station at West Thumb. The Director's Office has requested deferring plans for the Hamilton Store at West Thumb until a concessioner policy is determined by the Secretary.

Interpretive Services. As of June 16 all Yellowstone Park museums were open to the public and the program of walks, talks, hikes, etc., began in all their detail on the following day.

A special phase of Yellowstone Park interpretation which is being tried out this year is the inauguration of a junior nature program which is being given to children from 6 to 14 years of age each afternoon from 2:00 to 4:30 for five days each week. The response to this program has been only fair, with a maximum attendance of 14 children and a minimum of 6 so far. The program consists of special exploring trips for the youngsters and a treatment of nature lore with some work being done on nature craft.

A statistical report on the activities and services rendered during the month of June was attached to the Report of the Naturalist Division for the month.

Museum Activities and Exhibits. Labels which are exposed so that they are subject to being touched and at times handled by the public are being covered with thermium film, which provides a protective coating for them and in turn makes it possible to periodically clean the finger marks off without detriment to the label itself.

On June 9, Mrs. A. W. Sanborn of Ashland, Wisconsin, left a collection of nine old photographic prints for the Yellowstone Park museums. These were taken in 1894 by her while on a visit to the Yellowstone.

Research and Observation. During the month the thermal activity on Geyser Hill, northeast of the Firehole River in the Upper Geyser Basin, has shown a marked change to that observed in previous years.

The Giantess Geyser has been known to erupt at least three times this year in contrast to the previously observed action of an eruption about once a year. The Vault, on Geyser Hill, has been erupting periodically, a phenomenon not previously observed for many years. Beehive Geyser was observed in eight daylight eruptions. Grand Geyser has been erupting on an average interval of about 11 hours. Physical evidences indicate that sometime during the winter months Fountain Geyser had erupted and disgorged from its vent two logs which had been lodged there. Fountain pools have erupted several times, the Clepsydra Geyser has erupted in its violent phase, and most interesting of all has been the fact that the Fountain Geyser had erupted twice during daylight hours when it could be observed by visitors to the Park. Careful observations are being made of thermal changes which have resulted, and special reports will be prepared by the Naturalist Division.

Increase or Decrease in Travel. Fifty one thousand seven hundred eighty cars entered Yellowstone National Park during the month of June, 1947, as compared with 48,693 cars for the same month in 1946, showing an increase of

Mr. Hamilton has been advised of the proposal to use publicity [illegible] for the service station at Lost Cove. The Commonwealth [illegible] mustering place for the Hamilton Bay at Lost Cove until a [illegible] policy is determined by the Secretary.

Interpretive Services. On or about 15 all following [illegible] open to the public and the program of walks, talks, [illegible] their detail on the following day.

A special show of Yellowstone park interpretive work is [illegible] out this year in the Innsbrucke of a junior nature program which [illegible] given to children from 6 to 15 years of age each afternoon [illegible] for five days each week. The response to this program has been [illegible] with a maximum attendance of 15 children and [illegible] of a [illegible]. The program consists of special exploring trips for the youngsters [illegible] a great deal of nature lore with some real living [illegible] in nature study.

A statistical report on the activities and services [illegible] month of June was attached to the report of the Secretary [illegible] month.

Lower activities and exhibits. Lower exhibits are opened [illegible] are subject to being enclosed and of these details by [illegible] are being covered with thermoze film, which provides a protective covering for the [illegible] in turn makes it possible to particularly clean the [illegible] without detriment to the local [illegible].

On June 9, 1941, a [illegible] of Indians, Jamaica, left a [illegible] of nine old photographic prints for the Yellowstone Park museum. [illegible] taken in 1871, by Dr. Hoit on a visit to the Yellowstone.

Research and Interpretation. During the month two [illegible] papers still [illegible] have shown a marked change in [illegible] observed in previous [illegible].

The [illegible] paper [illegible] year in contrast to the previously [illegible] of a [illegible] a year. The [illegible], [illegible] [illegible] particularly [illegible] common not previously observed for many years. [illegible] in light [illegible] [illegible]. [illegible] [illegible] interest of [illegible] it [illegible]. [illegible] [illegible] the other months [illegible] [illegible] are [illegible] [illegible] logs which has been [illegible] [illegible]. [illegible] [illegible] [illegible] the [illegible] [illegible] has [illegible] [illegible] [illegible] [illegible] of all has been the fact that the [illegible] [illegible] [illegible] [illegible] daylight hours when it could be observed [illegible] [illegible]. [illegible] observations are being made of [illegible] [illegible] [illegible] special reports will be prepared by the Naturalist Division.

Increase or Decrease in Travel. Fifty one thousand [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] compared with 4,000 here for the same month in 1940, [illegible]

6.3 per cent. In comparison with 1941, when 29,423 cars entered in June, the percentage of increase is 77.0 per cent. One hundred sixty seven thousand six hundred seventy-four visitors entered the park during the month of June, 1947, as compared to 158,338 during the month of June, 1946, an increase of 5.8 per cent. The total visitors for the travel year to date is 211,524 as compared to 199,390 in 1946, an increase of 6.1 per cent. Compared to June, 1941, when 96,202 visitors entered, an increase of 74.0 per cent is shown. The total season travel ending June 30, 1947, totals 211,524 visitors compared with 143,816 through June, 1941, shows an increase of 47 per cent.

Ranger Service. The Protection Division was faced with the problem of operating the entrance stations largely with permanent ranger personnel until June 17 when most of the seasonal park rangers reported for duty. This condition prevented the permanent rangers from carrying on important field work to a large extent. The services of several seasonal park rangers are necessary earlier in the season to provide adequate protection of the park features and selling entrance licenses for motor vehicles.

On June 30 there were 52 seasonal park ranger positions filled. One seasonal park ranger who entered on duty on June 16 was hospitalized on June 21 with virus pneumonia and was still in the hospital on June 30. Another seasonal ranger who entered on duty on June 17 entered the hospital for treatment of a liver ailment on June 26 and was still in the hospital at the end of the month.

A large amount of trail work and telephone line maintenance was performed. Severe wind storms throughout the Park hampered and delayed this work. Campgrounds were checked regularly, fishing waters patrolled, and building fire hazard inspections completed. Four ranger patrol cars were operated full time to control violations, assist the large number of visitors, and assist in investigating reported accidents.

Wildlife and Fish Cultural Activities. ANTELOPE. Distributed generally over the northern area of the Park, these animals were seen in greatest numbers in vicinity of the North Entrance. Small groups or individuals afforded special attraction to visitors in the Mammoth, Blacktail Deer Creek and Lamar River areas. Young were born during the month and numerous twin births were noted.

BEARS. Black bears were distributed generally around the main park roads, greatest concentrations occurring between Tower Falls and Dunraven Pass, between Old Faithful and West Thumb and between West Thumb and Lake. Cubs are more numerous this year than in 1946. Little difficulty has been experienced with bears in campgrounds or other areas of human concentration. "Bear jams" have been frequent and in some instances as many as 300 automobiles have been involved in a single traffic stall. In these cases considerable attention has been given to direction of traffic, and other methods of minimizing the circulation problem have been used. Only one personal injury from a bear has been reported this season. No damages from bears were reported. Grizzly bears were seen in several areas. Two adults and three cubs were seen

[illegible] per cent. In comparison with 1961, when [illegible], the percentage of increase is [illegible] per cent. The [illegible] six hundred [illegible] visitors [illegible] June, 1962, as compared to [illegible] during the month of June, 1961, an increase of [illegible] per cent. The total visitors [illegible] as compared to [illegible] in 1961, an increase of [illegible] As compared to June, 1961, when [illegible] visitors entered, an increase of [illegible] per cent is shown. The total [illegible] visitors compared with [illegible] through June, 1961, shows an increase of [illegible] per cent.

Ranger Activities. The Protection Division personnel [illegible] of operation. The [illegible] until June [illegible] the [illegible] seasonal park rangers reported [illegible] condition prevented the permanent rangers from [illegible] work to a large extent. The [illegible] seasonal park rangers [illegible] necessary earlier in the season to provide adequate [illegible] features and [illegible].

On June 30 there were [illegible] seasonal park ranger [illegible]. One seasonal park ranger who [illegible] June 21 with virus pneumonia and was still in the hospital [illegible]. Another seasonal ranger was [illegible] for treatment of a liver ailment [illegible] at the end of the month.

A large amount of [illegible] work and [illegible] was performed. [illegible] were checked regularly. [illegible] building fire hazard inspections [illegible] and assist in investigating [illegible] accidents.

Wildlife and Fish Resource Activities. [illegible] over the northern area of the park. [illegible] in the vicinity of the [illegible]. [illegible] special attention [illegible] river areas. [illegible] noted.

Bears. Black bears were [illegible] roads, [illegible] between [illegible] and between Old Faithful and [illegible] cubs are more numerous this year than in [illegible]. Little difficulty has been experienced with bears in campgrounds [illegible] "bear jams" have been frequent and [illegible] biles have been involved in a single traffic stall. [illegible] able attention has been given to direction of traffic, [illegible] eliminating the circulation problem have been used. Only [illegible] from a bear has been reported this season. No damages from bears were reported. Grizzly bears were seen in several areas. Two adults [illegible]

repeatedly in the Swan Lake region, one adult was observed chasing an elk calf in the Lake area and others were seen at different places in the Park. A bear census is being planned for the latter part of July and early August.

BUFFALO. In early June buffalo could be seen by visitors in numerous roadside areas, but at the present time only occasional animals are being seen from the Park roads.

COYOTES. Seventy-four coyote pups, both outside and inside the Park, were ear-tagged. Migration study indicated that some pups tagged within the Park have migrated considerable distances to lower outside areas, while adults tagged both outside and inside the Park have tended to remain in the same local area.

ELK. Elk are being commonly seen throughout the Park and visitors who are particularly interested in this species have had little difficulty in locating small bands or individual animals. One magnificant bull regularly frequents the lawns at Mammoth where hundreds of visitors study and photograph him. Other elk which are for the most part unconcerned with seasonal influx of travelers have frequented the Lake and Old Faithful areas. During the period May 26 to June 15 a total of 40 elk calves were ear-tagged in the Upper Gardiner River, Indian Creek and Fawn Creek drainages in order to secure further data on migrations--particularly between the east and west sides of the Gallatin Range. These tagged calves included 18 males and 22 females. The project was accomplished through cooperation of the Montana Wildlife Restoration Division. A similar calf elk tagging project was carried on in the Gallatin area.

MOOSE. These animals are very common in all areas of public visitation and have caused traffic jams near Tower Falls and in other sections. Calves were born during the month and several sets of twins were observed.

TRUMPETER SWAN. Although only random observations have yet been made, swans have been seen in several of their usual nesting sites, and one pair was observed on Swan Lake on June 30 with three cygnets. Two nesting pairs were reported in the Bechler River district. A swan census is being planned for the week of August 10-16.

FISH. Fish planting during the month included 104,200 Lake Leven fingerling, 5,000 rainbow fingerling and 300,000 grayling eggs. All streams and lakes in vicinity of roads have been heavily fished since the opening date on May 30.

Forest Fire Protection. On June 2 the work of packing the material for the Purple Mountain lookout station from Madison Junction to the peak was commenced. Construction of the Purple Mountain lookout was begun on June 27. The fire control aid training school was held June 17 through 19, and most of the men were sent to their summer stations on June 20. The Mount Washburn Lookout was the only point manned during the month of June.

Building Fire Protection. Considerable progress was made toward completion of building inspections during the month, but the inspections of the concessioner establishments was somewhat delayed by the fact that the larger

plants were not placed in operation until June 20. A very marked improvement in the pre-season preparations of the Yellowstone Park Company operations has been effected by the employment of a Fire Marshal by the Company.

Personnel. On June 2, Dale Fillmore entered on duty as Messenger, and Ethel L. McDanal entered on duty as Clerk Typist, CAF-3. On June 7 Harold Brodrick left for Petrified Forest for transfer to that area. On June 14, John F. McMillan, as collaborator for the Service, arrived in the Park to begin work on moose investigation. On June 16, Walter H. Kittams arrived and entered on duty as Biologist. Twenty-four seasonal park ranger naturalist positions were filled during the month of June.

Accidents. A Yellowstone Park Company bus, No. 429, turned over and landed on its wheels 3.7 miles from Tower Falls on the Canyon-Tower Falls road. Three of the 15 passengers in the bus were hospitalized, but only one man, who received a serious scalp wound, was in the hospital more than two days.

Special Visitors. A. G. Meserik, writer for Nation magazine, arrived in the Park on June 24 and left via the West Gate on June 26. Paul Dumont, National Broadcasting Corporation, Inc., in West Gate on June 18 and out South Gate on June 20. Count Etienne De Grasset, France, in the Park on June 20 and left via the South Gate June 24. Vernon H. Brewster, Assistant Secretary, National Geographic Society, in on June 28.

Miscellaneous. William G. Proper appointed third member of Local U. S. Civil Service Board, vice Wilma S. Haines.

The regularly scheduled protestant church services throughout the Park started on June 15, while the catholic services began on June 29. During the month, the religious program for the summer season was completed and printed programs of religious activities were prepared and circularized throughout the Park for placement on information bulletin boards and at public gathering places.

The Mammoth Community Sunday School has been and will continue to actively participate in the protestant services this year.

On June 6, Mr. James Morrison, one of the original scouts in Yellowstone National Park, who knew "Buffalo Jones", Harry Yount, and other prominent characters in Park history, was a guest in the Park. Mr. Morrison, 84, contributed much interesting material as he related his stories about the Park. He also spent some time with Mr. Jack Haynes of Haynes, Inc.

Edmund B. Rogers,
Superintendent.

In quintuple.

cc: Regional Director, Region Two (in duplicate).

Files
cc
JJ/srj

Yellowstone Park, Wyoming.

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